

Title (en)  
ALKYLPHENYLSULPHIDE DERIVATIVE AND PEST CONTROL AGENT

Title (de)  
ALKYLPHENYLSULPHIDDERIVAT UND SCHÄDLINGSBEKÄMPFUNGSMITTEL

Title (fr)  
DÉRIVÉ DE SULFURE D'ALKYLPHÉNYLE ET AGENT DE LUTTE CONTRE LES ORGANISMES NUISIBLES

Publication  
**EP 2840078 B1 20180103 (EN)**

Application  
**EP 13777766 A 20130411**

Priority  
• JP 2012096356 A 20120420  
• JP 2013002459 W 20130411

Abstract (en)  
[origin: EP2840078A1] An alkyl phenyl sulfide derivative represented by the general formula [I] or an agriculturally acceptable salt thereof, and a pest control agent containing the derivative or the salt as an active ingredient. [in the above formula, R 1 is, for example, a C 1 #¼C 6 alkyl group which is mono- or poly-substituted with halogen atom; R 2 is, for example, a halogen atom or a C 1 #¼C 6 alkyl group; R 3 is, for example, a hydrogen atom or a halogen atom; and R 4 is, for example, a hydrogen atom or a C 1 #¼C 12 alkyl group.] The derivative or the salt has an excellent pest control effect.

IPC 8 full level  
**C07C 317/32** (2006.01); **A01N 31/16** (2006.01); **A01N 33/20** (2006.01); **A01N 37/00** (2006.01); **A01N 39/00** (2006.01); **A01N 41/10** (2006.01); **A01N 43/00** (2006.01); **A01N 47/02** (2006.01); **A01N 47/48** (2006.01); **A01N 55/00** (2006.01); **C07C 317/14** (2006.01); **C07C 317/22** (2006.01); **C07C 317/46** (2006.01); **C07C 321/28** (2006.01); **C07C 323/12** (2006.01); **C07C 323/18** (2006.01); **C07C 323/20** (2006.01); **C07C 323/25** (2006.01); **C07C 323/62** (2006.01); **C07C 331/10** (2006.01)

CPC (source: EP US)  
**A01N 31/16** (2013.01 - EP US); **A01N 33/20** (2013.01 - EP US); **A01N 37/10** (2013.01 - US); **A01N 37/32** (2013.01 - EP US); **A01N 37/34** (2013.01 - EP US); **A01N 37/38** (2013.01 - US); **A01N 39/00** (2013.01 - EP US); **A01N 41/10** (2013.01 - EP US); **A01N 41/12** (2013.01 - US); **A01N 43/08** (2013.01 - EP US); **A01N 43/40** (2013.01 - EP US); **A01N 43/50** (2013.01 - US); **A01N 43/54** (2013.01 - EP US); **A01N 43/56** (2013.01 - EP US); **A01N 43/653** (2013.01 - EP US); **A01N 43/78** (2013.01 - EP US); **A01N 47/02** (2013.01 - EP US); **A01N 47/48** (2013.01 - EP US); **A01N 55/00** (2013.01 - EP US); **C07C 317/14** (2013.01 - US); **C07C 317/22** (2013.01 - EP US); **C07C 317/32** (2013.01 - US); **C07C 317/46** (2013.01 - EP US); **C07C 321/28** (2013.01 - US); **C07C 323/12** (2013.01 - US); **C07C 323/18** (2013.01 - US); **C07C 323/20** (2013.01 - EP US); **C07C 323/25** (2013.01 - US); **C07C 323/62** (2013.01 - EP US); **C07C 331/10** (2013.01 - EP US); **C07D 213/34** (2013.01 - EP US); **C07D 231/12** (2013.01 - EP US); **C07D 233/64** (2013.01 - EP US); **C07D 239/26** (2013.01 - EP US); **C07D 249/08** (2013.01 - EP US); **C07D 277/26** (2013.01 - EP US)

Cited by  
EP3424903A4

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2840078 A1 20150225**; **EP 2840078 A4 20151028**; **EP 2840078 B1 20180103**; AP 2014008050 A0 20141130; AP 3772 A 20160831; AR 090750 A1 20141203; AU 2013250690 A1 20141016; AU 2013250690 B2 20170119; BR 112014025190 A2 20170620; BR 112014025190 A8 20180206; BR 112014025190 B1 20201208; CN 104350039 A 20150211; CN 104350039 B 20171003; CO 7101251 A2 20141031; ES 2658957 T3 20180313; HU E036851 T2 20180828; IL 235021 A 20170228; JP 6234921 B2 20171122; JP WO2013157229 A1 20151221; KR 102046801 B1 20191120; KR 20150013487 A 20150205; MA 37539 A1 20160930; MA 37539 B1 20170731; MX 2014012570 A 20141125; MX 365776 B 20190612; MY 170299 A 20190717; PH 12014502211 A1 20150112; PH 12014502211 B1 20150112; PL 2840078 T3 20180629; PT 2840078 T 20180315; TW 201348186 A 20131201; TW I606032 B 20171121; US 10023532 B2 20180717; US 2015087833 A1 20150326; US 2016214932 A1 20160728; US 9332754 B2 20160510; WO 2013157229 A1 20131024; ZA 201407674 B 20170628

DOCDB simple family (application)  
**EP 13777766 A 20130411**; AP 2014008050 A 20130411; AR P130101295 A 20130419; AU 2013250690 A 20130411; BR 112014025190 A 20130411; CN 201380029717 A 20130411; CO 14228074 A 20141015; ES 13777766 T 20130411; HU E13777766 A 20130411; IL 23502114 A 20141006; JP 2013002459 W 20130411; JP 2014511098 A 20130411; KR 20147030918 A 20130411; MA 37539 A 20141114; MX 2014012570 A 20130411; MY PI2014702757 A 20130411; PH 12014502211 A 20141001; PL 13777766 T 20130411; PT 13777766 T 20130411; TW 102114002 A 20130419; US 201314394438 A 20130411; US 201615091125 A 20160405; ZA 201407674 A 20141022